



Atty. Docket No.: 25436/1150

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Sorge, et al.
Serial No.: 09/338,855
Filed: June 23, 1999
Entitled: "Methods of Enriching for and
Identifying Polymorphisms"

Examiner: Chakrabarti, A.

Group Art Unit: 1634

Conf. No.: 1888

1634
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Kathleen Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Amendment & Response to Office Action mailed June 12, 2002;
2. Petition for Two Month's Extension of Time;
3. Check in the amount of \$200.00 for the requisite fee; and
4. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 25436/1150.

A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: November 12, 2002


Name: Kathleen Williams

Registration No.: 34,380

Customer No.: 27495

Palmer & Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100



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AMENDMENT

Sir:

This is filed in response to the Office Action mailed in the above-noted U.S. patent application on June 12, 2002. Kindly consider the following amendments and remarks.

In the Claims:

Please cancel claim 2.

Please replace claims 1, 57, 69 and 159 with amended claims 1, 57, 69 and 159 as follows:

1. (Twice amended) A method of enriching for and identifying a nucleic acid sequence difference with respect to a reference sequence comprising:

a) contacting a nucleic acid sample with a molecule comprising a sequence-specific binding activity selected from the group consisting of: transcription factors or DNA binding domains thereof; proteins with zinc-finger DNA binding domains; restriction endonuclease DNA recognition domains; sequence-specific antibodies; oligonucleotides complementary to an adapter ligated to a population of DNA molecules;